

Notice of Allowability

Application No.

09/891,522

Applicant(s)

KHARE ET AL.

Examiner

Nilesh Shah

Art Unit

2195

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to telephone interview on 6/6/05.
2. ☒ The allowed claim(s) is/are 1-24 and 32-36 now renumbered as 1-29
3. ☒ The drawings filed on 6/27/01 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 06082005.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


MENG-AL T. AN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 3100

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

2. Authorization for this examiner's amendment was given in a telephone interview with Sharmini Green on June 6, 2005.

3. The application has been amended as follows:

In the claims:

(i) **Replace claim 12 as follows:**

12. A receiving agent for managing transaction requests in a multi-node architecture, wherein the receiving agent comprising:

a processor to forward a previously received ordered group request to a destination agent, the processor further to receive one or more ordered group requests from a requesting agent and to examine the one or more issued ordered group requests to determine whether a request complete message for a previously received ordered group request has been received, the processor additionally to determine whether an ordering fork is encountered if the next received ordered group request belongs to the same ordered group as the previously received ordered group request, and if the request complete

message for the previously received ordered group request has not been received and a next received ordered group request is at least one of a un-ordered request and a forward-ordered request, then the processor to forward the next received ordered group request to the destination agent after the request complete message for the previously received at least one of a forward-ordered request and a sequential- ordered request issued on a different path at the ordering fork has been received.

(ii) **Replace claim 18 as follows:**

18. A method for managing transaction requests in a multi-node architecture, the method comprising:

forwarding a previously received ordered group request to a destination agent;
receiving one or more ordered group requests from a requesting agent;
examine the one or more issued ordered group requests to determine whether a next received ordered group request belongs to a same ordered group as the previously received ordered group request;
determine whether an ordering fork is encountered if the next received ordered group request belongs to the same ordered group as the previously received ordered group request;
if the request complete message for the previously received ordered group request has not been received and a next received ordered group request is at least one of a un-ordered request and a forward-ordered request, then forwarding

Art Unit: 2195

the next received ordered group request to the destination agent after the request complete message for the previously received at least one of a forward-ordered request and a sequential- ordered request issued on a different path at the ordering fork has been received.

(iii) Cancel Claims 25-31

Conclusion


4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nilesh Shah whose telephone number is (571)272-3771. The examiner can normally be reached on 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng An can be reached on (571)272-3756. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Nilesh Shah
Examiner
Art Unit 2195

NS
June 8, 2005


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